

IN THE CLAIMS

1. (Previously Presented) A glass strand coated with an aqueous sizing composition, said sizing composition comprising:
 - film forming adhesion agents including:
 - 50 to 80% of the total solids of at least one polyester,
 - 10 to 40% of the total solids of at least one polyvinyl acetate, and
 - 8 to 15% of the total solids of at least one polyurethane.
2. (Previously Presented) The glass strand as claimed in claim 1, wherein the polyester has a molecular weight from 4 000 to 17 000 g/mol.
3. (Previously Presented) The glass strand as claimed in claim 1, wherein the polyester is obtained by the reaction of a member selected from polycarboxylic acid, an anhydride of polycarboxylic acid and mixtures thereof and a polyol.
4. (Previously Presented) The glass strand as claimed in claim 3, wherein the acid is chosen from saturated, unsaturated or aromatic diacids, the anhydride is selected from phthalic anhydride and maleic anhydride, and the polyol is selected from polyalkylene glycols, aromatic polyols, and novolaks.
5. (Previously Presented) The glass strand as claimed in claim 1, wherein the polyvinyl acetate has a molecular weight of less than 80 000 g/mol.
6. (Previously Presented) The glass strand as claimed in claim 1, wherein the polyurethane is obtained from the reaction of at least one polyisocyanate and at least one polyol including one or more of an aliphatic chain and a cycloaliphatic chain.
7. (Previously Presented) The glass strand as claimed in claim 1, wherein the polyurethane has a molecular weight less than 20 000 g/mol.
8. (Previously Presented) The glass strand as claimed claim 1, wherein the composition additionally comprises a lubricating agent.

9. (Previously Presented) The glass strand as claimed in claim 8, wherein the lubricating agent is selected from cationic compounds of polyalkyleneimides, nonionic compounds of the esters of fatty acids, poly(alkylene glycol), poly(oxyalkylene), and poly(oxyalkylenated) fatty amides and mixtures thereof.
10. (Currently Amended) The glass strand as claimed in claim 1, wherein said the composition additionally comprises said at least one a-coupling agent, said at least one coupling agent being selected from silanes, titanates, zirconates and mixtures thereof.
11. (Previously Presented) The glass strand as claimed in claim 10, wherein the coupling agent comprises an unsaturated silane and an aminosilane.
12. (Previously Presented) The glass strand as claimed in claim 11, wherein the unsaturated silane includes at least one acrylic or methacrylic functional group and the aminosilane is selected from bis(γ -trimethoxysilylpropyl)-silane and bis(γ -triethoxysilylpropyl)-silane.
13. (Currently Amended) The glass strand as claimed in claim 1, wherein said glass strand has a loss on ignition of less than 2.2%.
14. (Currently Amended) The glass strand as claimed in claim 1, wherein said glass strand is composed of filaments, each filament having a diameter from 9 to 17 μm .
15. (Previously Presented) The glass strand as claimed in claim 1, wherein said glass strand has a tex between 30 and 160 tex.
16. (Previously Presented) The glass strand as claimed in claim 1, wherein said glass strand has applied thereto an oversize including an antistatic agent comprising a quaternary ammonium salt.
17. (Previously Presented) The glass strand as claimed in claim 16, wherein the quaternary ammonium salt is cetyltrimethylammonium chloride.

18. (Withdrawn) A sizing composition for coating glass strands comprising:
an aqueous blend of:
50 to 80% of the total solids of at least one polyester,
10 to 40% of the total solids of at least one polyvinyl acetate,
8 to 15% of the total solids of at least one polyurethane, and
0 to 5% of the total solids of at least one coupling agent.
19. (Withdrawn) The composition as claimed in claim 18, wherein said coupling agent is present in said sizing composition in an amount equal to or greater than 1.5% of the total solids.
20. (Withdrawn) The composition as claimed in claim 18, wherein said composition comprises 5 to 15% by weight of solid materials.
21. (Withdrawn) A composite part comprising:
at least one thermosetting polymer material, and
reinforcing glass strands, said glass strands being at least partially coated with a sizing composition including:
50 to 80% of the total solids of at least one polyester,
10 to 40% of the total solids of at least one polyvinyl acetate, and
8 to 15% of the total solids of at least one polyurethane.
22. (Withdrawn) The composite as claimed in claim 21, wherein the thermosetting material is selected from a polyester, a vinyl ester, an acrylic polymer, a phenolic resin and an epoxy resin.
23. (Withdrawn) The composite as claimed in claim 21, wherein said composite comprises 20 to 45% by weight of glass.
- 24.-25. Canceled

26. (New) A method of forming a molded composite part comprising:
spraying cut reinforcing glass strands into an open mold, said cut glass strands being formed of glass filaments at least partially coated with a sizing composition including:
50 to 80% of the total solids of at least one polyester,
10 to 40% of the total solids of at least one polyvinyl acetate, and
8 to 15% of the total solids of at least one polyurethane, and
spraying at least one thermosetting polymer material into said open mold.
27. (New) The method of claim 26, wherein said cut reinforcing glass strands and said resin are simultaneously sprayed into said mold.
28. (New) The method of claim 27, wherein said mold is a rotating mold.
29. (New) The method of claim 28, wherein impregnation of said thermosetting polymer material occurs through centrifugal force.
30. (New) The method of claim 26, wherein said thermosetting polymer material is selected from a polyester, a vinyl ester, an acrylic polymer, a phenolic resin and an epoxy resin.
31. (New) The method of claim 26, wherein said sizing composition further comprises one or more members selected from at least one coupling agent, at least one lubricating agent and an antistatic agent.
32. (New) The method of claim 31, wherein said sizing composition contains said at least one coupling agent, said at least one coupling agent being present in said sizing composition in an amount equal to or greater than 1.5% of the total solids.
33. (New) The method of claim 26, further comprising:
at least partially coating glass strands with an antistatic agent comprising a quaternary ammonium salt prior to cutting said glass strands to form said cut reinforcing glass strands.

34. (New) The method of claim 32, wherein said antistatic agent is an aqueous solution of cetyltrimethylammonium chloride.

35. (New) The method of claim 26, wherein the polyvinyl acetate has a molecular weight less than 80,000 g/mol, said polyester has a molecular weight from 4000 to 17,000 g/mol, and said polyurethane has a molecular weight less than 20,000 g/mol.